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08/27/01  
ATTORNEY DOCKET NO. 01173.0015U3 (formerly 25006.0006U3)

PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of )  
Paul M. Lizardi )  
Serial No.: 09/855,170 ) Group Art Unit: Unassigned  
Filed: May 14, 2001 ) Examiner: Unassigned  
For: **"ARTIFICIAL LONG TERMINAL** )  
**REPEAT VECTORS"** )

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

NEEDLE & ROSENBERG, P.C.  
Suite 1200, The Candler Building  
127 Peachtree Street, N.E.  
Atlanta, Georgia 30303-1811

September 27, 2001

Sir:

Submitted herewith is a copy of a form PTO-1449 filed in the parent application (U.S. Serial No. 09/396,340) with the parent application's docket number, serial number, filing date and group art number (if assigned) struck through and those of the present application written in. Each of the references listed on the copy of the form PTO-1449 was submitted to the Examiner and is of record in the parent application. Thus, copies are not provided.

Also submitted herewith on a new form PTO 1449 is a new reference not previously cited but known to applicants and/or their attorneys pursuant to the requirements of 37 C.F.R. § 1.56. A copy of this document is enclosed.

Consideration of the cited documents and making the same of record in the prosecution of the above-noted application are respectfully requested.



ATTORNEY DOCKET NO. 01173.0015U3 (formerly 25006.0006U3)  
SERIAL NO.: 09/855,170

It is believed that this paper is being timely filed and that no fee is required for the filing thereof. However, the Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0629.

Respectfully submitted,

NEEDLE & ROSENBERG, P.C.

A handwritten signature of Robert A. Hodges.

Robert A. Hodges  
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404/688-0770

**CERTIFICATE OF MAILING**

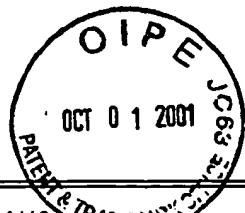
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Date

9/27/01



Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 7-80) PATENT AND TRADEMARK OFFICE  LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)	ATTORNEY DOCKET NO.: 01173.0015U3			SERIAL NO. 09/855,170			
	APPLICANT: Paul M. Lizardi						
	FILING DATE: May 14, 2001			GROUP: Unassigned			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
A1	6,087,133	07/11/00	Dattagupta <i>et al.</i>				
FOREIGN PATENT DOCUMENTS							
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER:	DATE CONSIDERED:						
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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Substitute for form 1449A/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	09/996,940- <b>09/855,170</b>
Sheet	1	of	16
		Attorney Docket Number	YU-125 25006-0006413

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	US Patent Document		Name of Patentee or Applicant of Cited Document	Date of Cited Document MM-DD-YYYY
		Number	Kind Code (if known)		
	4,748,111			Dattagupat, et al.	05-31-1988
	4,883,750			Whiteley, et al.	12-28-1989
	4,965,188			Mullis, et al.	10-23-1990
	4,994,373			Stavrianopoulos, et al.	02-19-1991
	5,001,050			Blanco, et al.	03-19-1991
	5,043,272			Hartley	08-27-1991
	5,130,238			Malek, et al.	07-14-1992
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	5,242,794			Norman, et al.	09-07-1993
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	5,427,930			Birkenmeyer, et al.	06-27-1995
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	5,455,166			Walker	10-03-1995
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	5,629,179			Mierendorf, et al.	05-13-1997
	5,714,320			Kool	02-03-1998
	5,733,733			Auerbach	03-31-1998
	5,854,033			Lizardi	12-29-1998

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Substitute for form 1449A/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Application Number	09/396,340 09/855,170
Sheet	2	of	16	Filing Date	September 15, 1999 May 14, 2001
				First Named Inventor	Paul M. Lizardi
				Group Art Unit	1643
				Examiner Name	
				Attorney Docket Number	VU 125-25006.0001.13

#### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM- DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>				
		JP	4-262799	A	09-18-1992		
		JP	4-304900	A	10-28-1992		
		AU	84173/91 B	Syngene, Inc.	02-18-1992		
		EP	0128 332	A1	Enzo Biochem, Inc.	12-19-1984	
		EP	0356 021	A2	Imperial Chemical Ind. PLC	07-27-1989	
		EP	0439 182	B1	Abbott Laboratories	04-24-1996	
		EP	0466 520	A1	Life Technologies, Inc.	01-15-1992	
		EP	0505 012	A2	F. Hoffmann-La Roche AG	09-23-1992	
		EP	0667 393	A2	Enzo Diagnostics, Inc.	08-16-1995	
		EP	0678 582	A1	Becton Dickinson and Co.	10-25-1995	
		WO	91/08307	A1	Microprobe Corporation	06-13-1991	
		WO	92/01813	A1	Syngene, Inc.	02-06-1992	
		WO	94/24312	A2	Beckman Instruments, Inc.	10-27-1994	
		WO	95/03430	A1	Gen-Probe Incorporated	02-02-1995	
		WO	95/03432	A1	Bio-Rad Laboratories, Inc.	02-02-1995	
		WO	95/22623	A1	Landegren	08-24-1995	
		WO	95/25180	A1	Gen-Probe Inc.	09-21-1995	
		WO	95/35390	A1	Mount Sinai School of Medicine of the City University of New York	12-28-1995	
		WO	96/33207	A1	Glaxo Group Limited	10-24-1996	
		WO	97/19193	A2	Yale University	05-29-1997	
		WO	97/42346	A1	Tepnel Medical Ltd.	11-13-1997	

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	09/396,348- 09/855,170
Sheet	3	of	16
		Attorney Docket Number	YU-125-2500.0001643

OTHER ART - NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		ABRAVAYA, et al., "Detection of point mutations with a modified ligase chain reaction (Gap-LCR)," <i>Nucleic Acids Res.</i> 23(4):675-682 (1995).	
		ALIOTTA, et al., "Thermostable Bst DNA polymerase I lacks a 3'-->5' proofreading exonuclease activity," <i>Genet Anal.</i> 12(5-6):185-95 (1996).	
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		ARNOLD, et al., "Assay Formats Involving Acridinium-Ester-Labeled DNA Probes," <i>Clin. Chem.</i> 35(8): 1588-1594 (1989).	
		BARANY, "Genetic disease detection and DNA amplification using cloned thermostable ligase," <i>Proc. Natl. Acad. Sci. USA</i> 88: 189-193 (1991).	
		BERTINA, et al., "Mutation in blood coagulation factor V associated with resistance to activated protein C", <i>Nature</i> 369: 64-67 (1994).	
		BIRKENMEYER & MUSHAHWAR, "DNA probe amplification methods," <i>Journal of Virological Methods</i> 35:117-126 (1991).	
		BLANCO & SALAS, "Characterization and purification of a phage $\phi$ 29-encoded DNA polymerase required for the initiation of replication," <i>Proc. Natl. Acad. Sci.</i> 81:5325-5329 (1984).	
		BLANCO, et al., "Highly Efficient DNA Synthesis by the Phage $\phi$ 29 DNA Polymerase," <i>Journal of Biological Chemistry</i> 264(15):8935-8940 (1989).	
		BLANCO, et al., "Terminal protein-primed DNA amplification," <i>Proc. Natl. Acad. Sci.</i> 91:12198-202 (1994).	

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Substitute for form 1449A/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	09/396,340 <sup>1</sup> DG1855,170
Filing Date	September 16, 1999 <sup>2</sup> May 14, 2001		
First Named Inventor	Paul M. Lizardi		
Group Art Unit	1643-		
Examiner Name			
Sheet	4	of	16
		Attorney Docket Number	YU 125 25006.0001643

OTHER ART – NON PATENT LITERATURE DOCUMENTS		
Examiner's Initials <sup>3</sup>	Cite No. <sup>4</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
		BOEHMER & LEHMAN, "Herpes Simplex Virus Type 1 ICP8: Helix-Destabilizing Properties," <i>Journal of Virology</i> 67(2):711-715 (1993).
		BROUDE, et al., "Enhanced DNA sequencing by hybridization," <i>Proc. Natl. Acad. Sci.</i> 91:3072-76 (1994).
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		BUTLER & CHAMBERLIN, "Bacteriophage SP6-specific RNA Polymerase," <i>Journal of Biological Chemistry</i> 257:5772-5778 (1982).
		CHATTERJEE, et al., "Cloning and overexpression of the gene encoding bacteriophage T5 DNA polymerase," <i>Gene</i> 97:13-19 (1991).
		CHETVERINA & CHETVERIN, "Cloning of RNA molecules <i>in vitro</i> ," <i>Nucl. Acids. Res.</i> 21:2349-53 (1993).
		DAUBENDIEK & KOOL, "Generation of catalytic RNAs by rolling transcription of synthetic DNA nanocircles," <i>Nat Biotechnol.</i> 15(3):273-7 (1997).
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		DAVANLOO, et al., "Cloning and expression of the gene for bacteriophage T7 RNA polymerase," <i>Proc. Natl. Acad. Sci. USA</i> 81:2035-2039 (1984).
		DAVIS, et al., <i>Advanced Bacterial Genetics - A Manual for Genetic Engineering</i> (Cold Spring Harbor Laboratory, Cold Spring Harbor, N.Y., 1980).

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		Application Number	09/396,340 09/855,170
Sheet	5	of	16
		Attorney Docket Number	YU-125 25006.000643

OTHER ART – NON PATENT LITERATURE DOCUMENTS		
Examiner's Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
		DYNAL, Biomagnetic Techniques in Molecular Biology, 1995.
		ERNST, et al., "Cyanine dye labeling reagents for sulfhydryl groups," <i>Cytometry</i> 10:3-10 (1989).
		FIRE & XU, "Rolling replication of short DNA circles," <i>Proc. Natl. Acad. Sci. USA</i> 92:4641-4645 (1995).
		GASPARRO, et al., "Site-specific targeting of psoralen photoadducts with a triple helix-forming oligonucleotide: characterization of psoralen monoadduct and crosslink formation," <i>Nucleic Acids Research</i> 22(14):2845-2852 (1994).
		GERDES, et al., "Dynamic changes in the higher-level chromatin organization of specific sequences revealed by in situ hybridization to nuclear halos," <i>J Cell Biol.</i> 126(2):289-304 (1994).
		GUNJI, et al., "Correlation Between the Serum Level of Hepatitis C Virus RNA and Disease Activities in Acute and Chronic Hepatitis C," <i>Int. J. Cancer</i> 52(5):726-730 (1992).
		GUO, et al., "Direct fluorescence analysis of genetic polymorphisms by hybridization with oligonucleotide arrays on glass supports," <i>Nucleic Acids Res.</i> 22(24):5456-5465 (1994).
		GUO, et al., "Enhanced discrimination of single nucleotide polymorphisms by artificial mismatch hybridization," <i>Nature Biotechnology</i> 15:331-335 (1997).
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		HACIA, et al., "Detection of heterozygous mutations in BRCA1 using high density oligonucleotide arrays and two-color fluorescence analysis," <i>Nature Genetics</i> 14:441-447.

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Filing Date	September 15, 1999 May 14, 2001		
First Named Inventor	Paul M. Lizardi		
Group Art Unit	1643		
Examiner Name			
Sheet 6 of 16	Attorney Docket Number	TUT23 25006 0006013	

OTHER ART – NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		HAGIWARA, et al., "Quantitation of hepatitis C Virus RNA in Serum of Asymptomatic Blood Donors and Patients with Type C Chronic Liver Disease," <i>Hepatology</i> 17(4):545-550 (1993).	
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		HENDRICKSON, et al., "High sensitivity multianalyte immunoassay using covalent DNA-labeled antibodies and polymerase chain reaction," <i>Nucleic Acids Res.</i> 23(3):522-529 (1995).	
		HERMANSON, et al., eds., <i>Immobilized Affinity Ligands</i> , (Academic Press, New York, 1992).	
		HOLLOWAY, et al., "An exonuclease-amplification coupled capture technique improves detection of PCR product," <i>Nucleic Acids Research</i> 21:3905-3906 (1993).	
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		ITAKURA, et al., "Synthesis and Use of Synthetic Oligonucleotides," <i>Annual Review of Biochemistry</i> 53:323-356 (1984).	
		JACOBSEN, et al., "The N-Terminal Amino-Acid Sequences of DNA Polymerase I from <i>Escherichia coli</i> and of the Large and the Small Fragments Obtained by a Limited Proteolysis," <i>Eur. J. Biochem.</i> 45:623-627 (1974).	

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	09/596,348 09/855,170
Filing Date	September 15, 1999 May 14, 2001		
First Named Inventor	Paul M. Lizardi		
Group Art Unit	1643		
Examiner Name			
Sheet 7 of 16	Attorney Docket Number	TU 125-25006.000643	

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		JIANG, et al., "An efficient method for generation and subcloning of tandemly repeated DNA sequences with defined length, orientation and spacing," <i>Nucl. Acids Res.</i> 24:3278-3279 (1996).	
		JOHNSTONE & THORPE, <i>Immunochemistry In Practice</i> (Blackwell Scientific Publications, Oxford, England, 1987) pages 209-216 and 241-242.	
		JÖNSSON, et al., "Sequence of the DNA ligase-encoding gene from <i>Thermus scotoductus</i> and conserved motifs in DNA ligases," <i>Gene</i> 151(1&2):177-180 (1995).	
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		KERKHOF, "A Comparison of Substrates for Quantifying the Signal from a Nonradiolabeled DNA Probe," <i>Analytical Biochemistry</i> 205:359-364 (1992).	
		KONG, et al., "Characterization of a DNA Polymerase from the Hyperthermophile Archaea <i>Thermococcus litoralis</i> ," <i>Journal of Biological Chemistry</i> 268:1965-1975 (1993).	

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <small>(use as many sheets as necessary)</small>		Application Number	09/396,340- <i>091855,170</i>
Filing Date	September 16, 1999 <i>May 14, 2001</i>		
First Named Inventor	Paul M. Lizardi		
Group Art Unit	1649		
Examiner Name			
Sheet 8 of 16	Attorney Docket Number	YU-125-25006.0006043	

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		KOOL, et al., "Circular oligonucleotides: New concepts in oligonucleotide design," <i>Annu. Rev. Biophys. Biomol. Struct.</i> 25:1-28 (1996).
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		LANGER, et al., "Enzymatic synthesis of biotin-labeled polynucleotides: Novel nucleic acid affinity probes", <i>Proc. Natl. Acad. Sci. USA</i> 78(11):6633-6637 (1981).
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		LEE, et al., "Coordinated leading and lagging strand DNA synthesis on a minicircular template," <i>Mol Cell.</i> 1(7):1001-10 (1998).
		LEFRERE, et al., "Towards a new predictor of AIDS progression through the quantitation of HIV-1 DNA copies by PCR in HIV-infected individuals," <i>British Journal of Haematology</i> 82(2): 467-471 (1992).
		LESNIK & FREIER; "Relative Thermodynamic Stability of DNA, RNA, and DNA:RNA Hybrid Duplexes: Relationship with Base Composition and Structure," <i>Biochemistry</i> 34: 10807-10815 (1995).

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	09/396,340 09/855,70
Filing Date	September 15, 1999 May 14, 2001		
First Named Inventor	Paul M. Lizardi		
Group Art Unit	1643		
Examiner Name			
Sheet 9 of 16	Attorney Docket Number	TU-129 25006.000643	

OTHER ART - NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	LIU, et al., "Rolling circle DNA synthesis: Small circular oligonucleotides as efficient templates for DNA polymerases," <i>J. Am. Chem. Soc.</i> 118:1587-1594 (1996).		
	LIZARDI, et al., "Cascade rolling circle amplification, a homogeneous fluorescence detection system for DNA diagnostics," <i>Clin. Chem.</i> 43: 2219-20 (1997).		
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	LOCKHART, et al., "Expression monitoring by hybridization to high-density oligonucleotide arrays," <i>Nature Biotechnology</i> 14:1675-1680 (1996).		
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	MARSHALL, et al., "Detection of HCV RNA by the asymmetric gap ligase chain reaction," <i>PCR Methods Appl.</i> 4(2):80-4 (1994).		
	MASKOS, et al., "Oligonucleotide hybridizations on glass supports: a novel linker for oligonucleotides synthesized <i>in situ</i> ," <i>Nucleic Acids Research</i> 20:1679-1684 (1992).		
	MATSUMOTO, et al., "Primary structure of bacteriophage M2 DNA polymerase: conserved segments within protein-priming DNA polymerases and DNA polymerase I of <i>Escherichia coli</i> ," <i>Gene</i> 84(2): 247-255 (1989).		

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Substitute for form 1449A/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	09/396,346 09/855,170
Filing Date	September 15, 1999 May 14, 2001		
First Named Inventor	Paul M. Lizardi		
Group Art Unit	1643		
Examiner Name			
Sheet	10	of	16
		Attorney Docket Number	YU-125 25006.0004643

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		MCCRAY, et al., "A new approach to time-resolved studies of ATP-requiring biological systems: Laser flash photolysis of caged ATP," <i>Proc. Natl. Acad. Sci. USA</i> 77:7237-7241 (1980).	
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		NIELSEN, et al., "Peptide nucleic acids (PNAs): Potential anti-sense and anti-gene agents," <i>Anti-Cancer Drug Design</i> , 8: 53-63 (1993).	
		NIKIFOROV, et al., "Genetic Bit Analysis: a solid phase method for typing single nucleotide polymorphisms," <i>Nucleic Acids Res.</i> 22(20):4167-75 (1994).	

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Sheet	11	of	16
		Attorney Docket Number	YU-125 25006-000443

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		POKROVSKAYA & GUREVICH, "In vitro transcription: preparative RNA yields in analytical scale reactions," <i>Anal Biochem.</i> 220(2):420-3 (1994).

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Sheet	12	of	16
		Attorney Docket Number	YU 125 25006.0006US

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		PRAKASH & KOOL, "Structural effects in the recognition of DNA by circular oligonucleotides," <i>J. Amer. Chem. Soc.</i> 114:3523-3527 (1992).
		RAMSING, et al., "Helix-coil transition of parallel-stranded DNA. Thermodynamics of hairpin and linear duplex oligonucleotides," <i>Biochem.</i> 28:9528-9535 (1989).
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		RIED, et al., "Simultaneous visualization of seven different DNA probes by in situ hybridization using combinatorial fluorescence and digital imaging microscopy," <i>Proc Natl Acad Sci U S A.</i> 89(4):1388-92 (1992).
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Filing Date	September 15, 1999	First Named Inventor	Paul M. Lizardi
Group Art Unit	1643	Examiner Name	
Sheet	13	of	16
		Attorney Docket Number	YU125 25006.000X.63

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		SCHENA, et al., "Quantitative Monitoring of Gene Expression Patterns with a Complementary DNA Microarray," <i>Science</i> 270:467-470 (1995).
		SCHENA, et al., "Parallel human genome analysis: Microarray-based expression monitoring of 1000 genes," <i>Proc. Natl. Acad. Sci. USA</i> 91:10614-10619 (1994).
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Substitute for form 1449A/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	09/396,340 09/855,170
Filing Date	September 15, 1999 May 14, 2000		
First Named Inventor	Paul M. Lizardi		
Group Art Unit	4643		
Examiner Name			
Sheet 14 of 16	Attorney Docket Number	YU 125	25006.0006.03

OTHER ART – NON PATENT LITERATURE DOCUMENTS		
Examiner's Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
		STUDIER, et al., "Use of T7 RNA Polymerase to Direct Expression of Cloned Genes," <i>Methods in Enzymology</i> 185: 60-89 (1990).
		SYVÄNEN, et al., "Fast quantification of nucleic acid hybrids by affinity-based hybrid collection," <i>Nucleic Acids Res.</i> 14(12):5037-48 (1986).
		TABOR & RICHARDSON, "Selective inactivation of the exonuclease activity of bacteriophage T7 DNA polymerase by in vitro mutagenesis," <i>J. Biol. Chem.</i> 264:6447-6458 (1989).
		TABOR & RICHARDSON, "Selective oxidation of the exonuclease domain of bacteriophage T7 DNA polymerase," <i>J. Biol. Chem.</i> 262:15330-15333 (1987).
		TAYLOR, ed, <u>Protein immobilization: fundamentals and applications</u> (M. Dekker, New York, 1991).
		TSURUMI, et al., "Functional Interaction between Epstein-Barr Virus DNA Polymerase Catalytic Subunit and Its Accessory Subunit In Vitro," <i>Journal of Virology</i> 67(12):7648-7653 (1993).
		TYAGI & KRAMER, "Molecular beacons: probes that fluoresce upon hybridization," <i>Nature Biotechnology</i> 14:303-308 (1996).
		VELCULESCU, et al., "Serial analysis of gene expression," <i>Science</i> . 270(5235):484-7 (1995).
		VILLEMAIN & GIEDROC, "The N-terminal B-domain of T4 gene 32 protein modulates the lifetime of cooperatively bound Gp32-ss nucleic acid complexes," <i>Biochemistry</i> . 35(45):14395-404 (1996).
		VOGELSTEIN, et al., "Supercoiled loops and eucaryotic DNA replication," <i>Cell</i> . 22(1 Pt 1):79-85 (1980).

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Substitute for form 1449A/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		Application Number	09/396,340 <i>09/855,170</i>
Sheet	15	of	16
		Attorney Docket Number	YU-125-25006.000413

OTHER ART - NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		WAGGONER, "Covalent labeling of proteins and nucleic acids with fluorophores," <i>Meth. Enzymology</i> 246:362-373 (1995)	
		WALKER & LINN, "Detection of <i>Mycobacterium tuberculosis</i> DNA with thermophilic strand displacement amplification and fluorescence polarization," <i>Clin Chem.</i> 42(10):1604-8 (1996).	
		WALKER, et al., "Strand displacement amplification—an isothermal, in vitro DNA amplification technique," <i>Nucleic Acids Res.</i> 20(7):1691-6 (1992).	
		WALTER & STRUNK, "Strand displacement amplification as an in vitro model for rolling-circle replication: deletion formation and evolution during serial transfer," <i>Proc Natl Acad Sci U S A.</i> 91(17):7937-41 (1994).	
		WANSINK, et al., "Fluorescent Labeling of Nascent RNA Reveals Transcription by RNA Polymerase II in Domains Scattered Throughout the Nucleus," <i>Journal of Cell Biology</i> 122(2): 283-293 (1993).	
		WIEDMANN, et al., "Ligase Chain Reaction (LCR) - Overview and Applications," <i>PCR Methods and Applications</i> (Cold Spring Harbor Laboratory Press, Cold Spring Harbor Laboratory, NY, 1994) pages S51-S64.	
		WINN-DEEN, et al., "Non-radioactive detection of <i>Mycobacterium tuberculosis</i> LCR products in a microtitre plate format," <i>Molecular and Cellular Probes</i> (England) 7(3):179-186 (1993).	
		YOUNG & ANDERSON, "Quantitative analysis of solution hybridisation," <i>Nucleic Acid Hybridisation: A Practical Approach</i> pages 47-71 (IRL Press, 1985).	
		YU, et al., "Cyanine dye dUTP analogs for enzymatic labeling of DNA probes," <i>Nucleic Acids Research</i> 22(15): 3226-3232 (1994).	
		ZEHAVI, et al., "Light sensitive glycosides. I. 6-Nitoveratryl $\beta$ -D-Glucopyranoside and 2-Nitrobenzyl $\beta$ -D-Glucopyranoside," <i>J. Organic Chem.</i> 37:2281-2288 (1972).	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (use as many sheets as necessary)		Complete if Known	
		Application Number	69/396,340 <i>09/855,70</i>
		Filing Date	September 15, 1999 <i>May 14, 2000</i>
		First Named Inventor	Paul M. Lizardi
		Group Art Unit	1643
		Examiner Name	
Sheet	16	of	16
		Attorney Docket Number	

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Substitute for form 1449A/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Application Number	09/396,340 09/855,170
Sheet	1	of	1	Filing Date	September 15, 1995 May 14, 2001
				First Named Inventor	Paul M. Lizardi
				Group Art Unit	1643
				Examiner Name	
				Attorney Docket Number	YU 125-25006-000643

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)		T <sup>6</sup>
		EP	0 640 691	A2	Becton Dickinson and Co.	03-01-1995
		WO	96/00795	A2	Kalyx Biosciences, Inc.	01-11-1996
		WO	97/20948	A1	Koch	06-12-1997
		WO	98/39485	A2	The Regents of the University of Michigan	09-11-1998

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		UNRAU & DEUGAU, "Non-cloning amplification of specific DNA fragments from whole genomic DNA digests using DNA 'indexers'" <i>Gene</i> 145:163-9 (1994).
		WHITE, et al., "Concatemer chain reaction: A Taq DNA polymerase-mediated mechanism for generating long tandemly repetitive DNA sequences," <i>Analytical Biochemistry</i> 199:184-90 (1991).
		ZHANG, et al., "Amplification of target-specific, ligation-dependent circular probe," <i>Gene</i> 211:277-85 (1998).

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